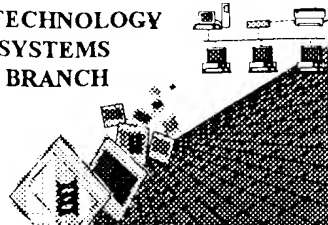


M. Ibrahim

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



**RAW SEQUENCE LISTING**  
**ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/658,835B  
Source: 1600 Rush  
Date Processed by STIC: 5/30/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

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**<http://www.uspto.gov/web/offices/pac/checker>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
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U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
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Revised 01/29/2002



1600

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/658,835B

DATE: 05/30/2002

TIME: 16:41:00

Input Set : A:\EP.txt

Output Set: N:\CRF3\05302002\I658835B.raw

Does NOT contain  
Corrected Discrete Names

pp 2-3

3 <110> APPLICANT: Duvick, Johnathan P.  
 4 Gilliam, Jacob T.  
 5 Maddox, Joyce R.  
 6 Rao, Aragula Gururaj  
 7 Crasta, Oswald R.  
 8 Folkerts, Otto

10 <120> TITLE OF INVENTION: Amino Polyol Amine Oxidase Polynucleotides and Related Polypeptides and  
 11 Methods of Use

13 <130> FILE REFERENCE: 1134R

15 <140> CURRENT APPLICATION NUMBER: US 09/658,835B

16 <141> CURRENT FILING DATE: 2000-09-08

18 <150> PRIOR APPLICATION NUMBER: US 60/092,936

19 <151> PRIOR FILING DATE: 1998-07-25

21 <150> PRIOR APPLICATION NUMBER: US 60/135,391

22 <151> PRIOR FILING DATE: 1999-05-21

24 <150> PRIOR APPLICATION NUMBER: US 09/352,159

25 <151> PRIOR FILING DATE: 1999-07-12

27 <150> PRIOR APPLICATION NUMBER: US 09/352,168

28 <151> PRIOR FILING DATE: 1999-07-12

30 <160> NUMBER OF SEQ ID NOS: 53

32 <170> SOFTWARE: PatentIn version 3.1

## ERRORED SEQUENCES

7245 <210> SEQ ID NO: 51  
 7246 <211> LENGTH: 463  
 7247 <212> TYPE: PRT  
 7248 <213> ORGANISM: Unknown  
 7250 <220> FEATURE:  
 7251 <223> OTHER INFORMATION: Cys (-) APAO; removal of cysteines 359 and 461  
 7253 <400> SEQUENCE: 51

7255	Lys	Asp	Asn	Val	Ala	Asp	Val	Val	Val	Gly	Ala	Gly	Leu	Ser	Gly	
7256	1			5						10				15		
7259	Leu	Glu	Thr	Ala	Arg	Lys	Val	Gln	Ala	Ala	Gly	Leu	Ser	Cys	Leu	Val
7260				20				25						30		
7263	Leu	Glu	Ala	Met	Asp	Arg	Val	Gly	Gly	Lys	Thr	Leu	Ser	Val	Gln	Ser
7264				35				40						45		
7267	Gly	Pro	Gly	Arg	Thr	Thr	Ile	Asn	Asp	Leu	Gly	Ala	Ala	Trp	Ile	Asn
7268				50				55						60		
7271	Asp	Ser	Asn	Gln	Ser	Glu	Val	Ser	Arg	Leu	Phe	Glu	Arg	Phe	His	Leu
7272	65						70							75		80
7275	Glu	Gly	Glu	Leu	Gln	Arg	Thr	Thr	Gly	Asn	Ser	Ile	His	Gln	Ala	Gln

Reminder: give source  
 of genetic  
 material on  
 <223> line  
 whenever  
 <213> response  
 is Unknown  
 or is  
 Artificial Sequence

P. 2



RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/658,835B

DATE: 05/30/2002  
TIME: 16:41:02

Input Set : A:\EP.txt  
Output Set: N:\CRF3\05302002\I658835B.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:51; Line(s) 7278,7284,7285

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,12,13,14,15,34

Invalid <213> Response Listing.  
Listing to be included in the  
listing in the <213> Organism field of  
the listing or New.

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/658,835B

DATE: 05/30/2002

TIME: 16:41:02

Input Set : A:\EP.txt

Output Set: N:\CRF3\05302002\I658835B.raw

L:56 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:300  
L:79 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3  
L:91 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4  
L:1004 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12  
L:1017 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13  
L:1030 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14  
L:1042 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15  
L:5233 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:34  
L:5768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:600  
L:5880 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:208  
L:7278 M:333 E: Wrong sequence grouping, Amino acids not in groups!  
L:7278 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1  
L:7282 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:51  
M:332 Repeated in SeqNo=51  
L:7284 M:333 E: Wrong sequence grouping, Amino acids not in groups!  
L:7284 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1  
L:7366 M:252 E: No. of Seq. differs, <211> LENGTH:Input:463 Found:431 SEQ:51